

Title (en)
ULTRAFAST FLASH JOULE HEATING SYNTHESIS METHODS AND SYSTEMS FOR PERFORMING SAME

Title (de)
ULTRASCHNELLE FLASH-JOULE-ERHITZUNGSSYNTHESEVERFAHREN UND SYSTEME ZUR DURCHFÜHRUNG DAVON

Title (fr)
PROCÉDÉS DE SYNTHÈSE DE CHAUFFAGE PAR EFFET JOULE FLASH ULTRARAPIDE ET SYSTÈMES POUR LA MISE EN OEUVRE DE CEUX-CI

Publication
EP 4217310 A2 20230802 (EN)

Application
EP 21844823 A 20210924

Priority
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Abstract (en)
[origin: WO2022067085A1] Ultrafast flash Joule heating synthesis method and system to form carbide particles from a mixture of a reaction precursor comprising a precursor and a carbon conductive additive.

IPC 8 full level
C01B 32/914 (2017.01); **B09B 3/00** (2022.01); **C01B 32/921** (2017.01); **C01B 32/949** (2017.01); **C01B 32/956** (2017.01); **C01B 32/991** (2017.01); **C01F 7/02** (2022.01); **C04B 35/10** (2006.01); **C22B 11/00** (2006.01)

CPC (source: EP KR US)
B09B 3/40 (2022.01 - EP); **B22F 9/04** (2013.01 - KR); **B22F 9/30** (2013.01 - KR); **C01B 32/914** (2017.07 - EP KR); **C01B 32/921** (2017.07 - EP KR); **C01B 32/949** (2017.07 - EP KR); **C01B 32/956** (2017.07 - EP KR); **C01B 32/991** (2017.07 - EP KR); **C01F 7/02** (2013.01 - EP KR); **C04B 35/111** (2013.01 - EP); **C04B 35/5607** (2013.01 - EP); **C04B 35/62665** (2013.01 - EP); **C04B 35/6267** (2013.01 - EP); **C22B 1/005** (2013.01 - KR); **C22B 1/245** (2013.01 - US); **C22B 3/06** (2013.01 - KR); **C22B 7/001** (2013.01 - EP US); **C22B 7/007** (2013.01 - US); **C22B 11/025** (2013.01 - EP US); **C22B 11/046** (2013.01 - EP US); **C22B 59/00** (2013.01 - EP); **B09B 2101/15** (2022.01 - EP); **B09B 2101/70** (2022.01 - EP); **B09B 2101/75** (2022.01 - EP); **C01P 2002/60** (2013.01 - EP); **C01P 2002/72** (2013.01 - EP); **C01P 2002/85** (2013.01 - EP); **C01P 2004/04** (2013.01 - EP); **C01P 2004/84** (2013.01 - EP); **C01P 2006/12** (2013.01 - EP); **C01P 2006/16** (2013.01 - EP); **C04B 2235/3217** (2013.01 - EP); **C04B 2235/322** (2013.01 - EP); **C04B 2235/3256** (2013.01 - EP); **C04B 2235/5409** (2013.01 - EP); **C04B 2235/5445** (2013.01 - EP); **C04B 2235/5454** (2013.01 - EP); **C04B 2235/6562** (2013.01 - EP); **C04B 2235/6565** (2013.01 - EP); **C04B 2235/96** (2013.01 - EP); **Y02P 10/20** (2015.11 - EP)

Citation (search report)
See references of WO 2022067093A2

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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022067085 A1 20220331; AU 2021350022 A1 20230525; AU 2021350092 A1 20230525; CA 3193826 A1 20220331; CN 116390819 A 20230704; CN 116406320 A 20230707; EP 4217310 A2 20230802; EP 4217311 A2 20230802; JP 2023542704 A 20231011; KR 20230097003 A 20230630; US 2023357885 A1 20231109; WO 2022067093 A2 20220331; WO 2022067093 A3 20220512; WO 2022067093 A9 20221229; WO 2022067102 A1 20220331; WO 2022067102 A9 20230105; WO 2022067111 A2 20220331; WO 2022067111 A3 20220623; WO 2022067111 A9 20230309

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